

What is claimed is:

1. An impact modified thermoplastic olefin composition comprising a blend of one or more polyolefin homopolymer resins, from about 17% by weight to about 30% by weight of one or more rubbery copolymers comprising at least one alpha olefin, and from about 1.0% to about 8.0% by weight of one or more nonionic surfactants.

2. The impact modified thermoplastic olefin composition according to claim 1 further comprising up to about 8% by weight of mineral oil or polybutene.

3. The impact modified thermoplastic olefin composition according to claim 1 wherein the polyolefin homopolymer resin is a polypropylene homopolymer.

4. The impact modified thermoplastic olefin composition according to claim 1 wherein the nonionic surfactant is selected from the group consisting of ethoxylated ethers, ethoxylated alkylphenols, ethoxylated aryl phenols and ethoxylated sorbitan fatty acid esters.

5. The impact modified thermoplastic olefin composition according to claim 1 wherein the nonionic surfactant is selected from the group consisting of polyoxyethylene sorbitan monolaurate, polyoxyethylene sorbitan monopalmitate, polyoxyethylene sorbitan monostearate, polyoxyethylene sorbitan tristearate, polyoxyethylene sorbitan monooleate and polyoxyethylene sorbitan trioleate.

6. An impact modified thermoplastic olefin composition comprising a homopolymer of polypropylene, from about 17% by weight to about 25% by weight of a rubbery copolymer of ethylene and octene, and from about 1.25% by weight to about 4% by weight of an ethoxylated sorbitan fatty acid ester.

7. The impact modified thermoplastic olefin composition according to claim 6 wherein the ethoxylated sorbitan fatty acid ester is polyoxyethylene sorbitan trioleate.

8. The impact modified thermoplastic olefin composition according to claim 6 having an instrumented impact strength at -30°C of 100 in-lbs or greater as measured in accordance with ASTM D 5420 and a flexural modulus of 1.4×10^5 psi or greater as measured in accordance with ASTM D 790.

9. A method of forming a part comprising providing a thermoplastic olefin composition comprising a blend of one or more polyolefin homopolymer resins, from about 17% by weight to about 30% by weight of one or more rubbery copolymers comprising at least one alpha olefin, and from about 1.0% to about 8.0% by weight of one or more nonionic surfactants; heating the thermoplastic olefin composition to form a flowable melt; injecting the flowable melt into a mold; and removing the part from the mold.

10. The method according to claim 9 wherein further comprising painting the part.